

**Scheme s1** — Scheme description: s1 family

[Description](#)[Syntax](#)[Remarks and examples](#)[Also see](#)

## Description

Schemes determine the overall look of a graph; see [\[G-4\] Schemes intro](#).

The `s1` family of schemes is similar to the `s2` family—see [\[G-4\] Scheme s2](#)—except that `s1` uses a plain background, meaning that no tint is applied to any part of the background.

## Syntax

| s1 family             | Foreground | Background | Description                       |
|-----------------------|------------|------------|-----------------------------------|
| <code>s1rcolor</code> | color      | black      | color on black                    |
| <code>s1color</code>  | color      | white      | color on white                    |
| <code>s1mono</code>   | monochrome | white      | gray on white                     |
| <code>s1manual</code> | monochrome | white      | <code>s1mono</code> , but smaller |

For instance, you might type

```
. graph ... , ... scheme(s1color)
. set scheme s1rcolor [ , permanently ]
```

See [\[G-3\] \*scheme\\_option\*](#) and [\[G-2\] \*set scheme\*](#).

## Remarks and examples

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`s1` is a conservative family of schemes that some people prefer to `s2`.

Of special interest is `s1rcolor`, which displays graphs on a black background. Because of pixel bleeding, monitors have higher resolution when backgrounds are black rather than white. Also, many users experience less eye strain viewing graphs on a monitor when the background is black. Scheme `s1rcolor` looks good when printed, but other schemes look better.

Schemes `s1color` and `s1mono` are derived from `s1rcolor`. Either of these schemes will deliver a better printed result. The important difference between `s1color` and `s1mono` is that `s1color` uses solid lines of different colors to connect points, whereas `s1mono` varies the line-pattern style.

Scheme `s1manual` is the same as `s1mono` but presents graphs at a smaller overall size.

For an example of the `s1rcolor`, `s1color`, and `s1mono` schemes, see [Examples of schemes in Remarks and examples of \[G-4\] Schemes intro](#).

## Also see

[\[G-4\] Schemes intro](#) — Introduction to schemes

[\[G-3\] \*scheme\\_option\*](#) — Option for specifying scheme